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fine home acoustics

PSW112
Owners Manual

Platinum Series Subwoofer

Models

- ☐ PSW112 – Powered Subwoofer

Introduction

Thank you for purchasing M&S Systems Home Audio products. Your M&S Platinum Series subwoofer will bring you years of listening enjoyment. Our products offer the finest in quality home theater and deliver superior performance at an affordable price.

Key Features

- 12” speaker in a tuned port enclosure for minimum size/maximum sound efficiency
- 100 watt RMS amplifier
- High level/low level inputs
- Variable crossover adjustment
- Crossover bypass switch
- Auto-power switch and indicator
- Volume control

Warranty

M&S SYSTEMS Limited 2-Year No-Fault Product Warranty

M&S SYSTEMS warrants for 2 years all products to be free of defects (M&S SYSTEMS honors the 10-Year No-Fault warranty for AirVac Gold power units). The warranty period begins from either (1) the date of “first user” purchase of this product or (2) the first close of escrow date on a residence in which this new product was originally installed. This warranty extends to the original user of the product and to each subsequent owner of the product during the term of this warranty. M&S SYSTEMS will repair or replace, at its option, parts and materials at no charge. Parts supplied under this warranty may be new or rebuilt at the option of M&S SYSTEMS.

If, during the limited warranty period, it appears as though this product contains a defect, which is covered by this limited warranty**, call our toll free service number before dismantling the product (1-800-877-6631). Remember to attain a Return Authorization Number (RAN) before returning any product to M&S SYSTEMS. Send the product freight pre-paid and insured to our service center for warranty repair.** You will be advised on shipping instructions when you call the toll free service number. M&S Systems will return the repaired product freight pre-paid within the U.S.A. The installing dealer or distributor may assist you, at your choice and expense, with returning product for repair. Please include a brief description of the problem and a dated proof-of-purchase receipt with any product that is returned for warranty repair. **ANY PRODUCT RETURNED WITHOUT A RETURN AUTHORIZATION NUMBER WILL BE REFUSED.**

THIS LIMITED WARRANTY IS IN LIEU OF ANY OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, AND OF ANY OTHER OBLIGATIONS OR LIABILITY ON THE SELLER’S PART. THIS LIMITED WARRANTY DOES NOT COVER DAMAGE CAUSED BY IMPROPER INSTALLATION, THE VIOLATION OF APPLICABLE BUILDING OR ELECTRICAL CODES OR THE USE OF NON-M&S/NON-AIRVAC WIRE, CABLE OR WALL HOUSINGS. THIS LIMITED WARRANTY APPLIES ONLY TO PRODUCTS INSTALLED IN A PRIVATE RESIDENCE.

UNDER NO CIRCUMSTANCES SHALL THE SELLER BE LIABLE FOR CONSEQUENTIAL, INCIDENTAL OR SPECIAL DAMAGES ARISING IN CONNECTION WITH USE OR INABILITY TO USE THIS PRODUCT. IN NO EVENT SHALL SELLER’S LIABILITY, FOR BREACH OF WARRANTY, BREACH OF CONTRACT, NEGLIGENCE OR STRICT LIABILTY, EXCEED THE COST OF THE PRODUCT COVERED HEREBY. NO PERSON IS AUTHORIZED TO ASSUME FOR US ANY OTHER LIABILITY IN CONNECTION WITH THE SALE OF THIS PRODUCT.

Some states do not allow the exclusion or limitation of consequential, incidental or special damages, so the above limitation or exclusion may not apply to you. This limited warranty gives you specific legal rights, and you may also have other rights, which vary from state to state.

Service and Troubleshooting

M&S Systems is committed to producing high quality products for the home. If you have any questions or problems with your subwoofer or if it is not operating properly, contact your M&S installer or call M&S Systems at 1-800-366-9422 and speak with one of our technical support specialists.

You may also visit our web site at www.mssystems.com for a frequently asked questions list that may provide you with quick assistance with any troubleshooting or service concerns.

PSW112 Subwoofer

Each box contains one subwoofer available in black only. This is a freestanding down-firing subwoofer with adjustable crossover.

Subwoofer Specifications

Frequency Response	30Hz/140Hz
Power Rating	100 Watts RMS
Crossover	40Hz/140Hz (adjustable)
Height	15 ¾”
Width	14”
Depth	16”
Weight	33.5 lbs

Unpacking Your Subwoofer

After carefully unpacking your subwoofer, the carton and the packaging material should be saved for possible use later.

To attach the feet to the subwoofer, lay it on its top with the speaker facing up. Remove the feet from their package and screw them into the pre-drilled holes located on the bottom of the subwoofer with a screwdriver. Once the feet are tightly secured, place the subwoofer upright on its feet.

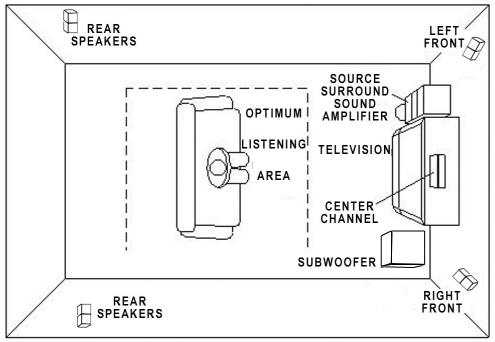
If the subwoofer appears to be damaged, do not attempt to repair or connect the unit to the amplifier. If you have to return the subwoofer first remove the feet, then repack the subwoofer and notify your distributor or M&S Systems for replacement or repair.

You can contact the M&S Customer Service team at 1-800-877-6631.

Subwoofer Placement

For the best sound, place the PSW112 subwoofer next to a wall or in a front corner of your room near your main speakers.

Subwoofer Placement



IMPORTANT! Do not cover or seal the back of the PSW112 subwoofer. Doing so will reduce the air ventilation and may damage the unit.

- **X'Over Bypass** – This control manages the frequency control of the subwoofer.
  - **X'Over Bypass Off** – The subwoofer operates based on the frequency adjust control settings.
  - **X'Over Bypass On** – The frequency adjust control setting is bypassed. This extends the subwoofer high-end range to approximately 300Hz.

Subwoofer Controls

Subwoofer Controls

Your PSW112 subwoofer has several controls that allow you to configure the unit to reflect your personal music tastes. All controls are found on the back of the unit.

- **Frequency Adjust** – This adjusts the upper frequency range of the subwoofer. A typical setting when using the subwoofer with the MNCX Platinum Mini-Cube speakers is between 120Hz to 140Hz.
- **Auto Power** – The subwoofer can be set up with two different power configurations:
  - **Auto Power On** – The subwoofer will power down a few minutes after the signal is removed and it will turn on immediately when it receives a signal.
  - **Auto Power Off** – The subwoofer is constantly on if the unit is powered up.
- **Volume Control** – The volume control should be set to the desired bass level for the system.
- **Phase** – The Phase switch is set for the best bass sound. Switch between the 0 and 180 position until the bass is the loudest. In some applications, there may be no noticeable difference and in this case leave the switch in the 0 position.

Connecting Your Subwoofer

First, turn off power to your entire system to prevent accidents such as short circuits from damaging your equipment.

The PSW112 subwoofer can be connected to your system using one of three methods. The method you select is based on the configuration of your system.

1. **Amplifier with a subwoofer output connection** – If your system has a subwoofer output connection, use an RCA type connector to connect the PSW112 subwoofer to your receiver. A shielded audio cable is required for this setup with a Y-adapter connecting the audio cable to Left and Right Line Level Input on the subwoofer.
2. **Separate pre-amp/power amp configuration** – When using a separate pre-amplifier/power amplifier the audio cables may be routed through the PSW112 subwoofer unit. Connect the pre-amplifier to the Line Level Inputs via RCA cables and connect the Line Level Outputs to the power amplifier.

The PSW112 Line Level Connections are shown in the picture below and can be found on the back of the subwoofer.

Line Level Connections

3. **Connect using speaker wires** – Connect the wires from the amplifier to the “Speaker Level Inputs” and the wires going to the speakers should be connected to the “Speaker Level Outputs”.

   IMPORTANT! Make sure there are no loose strands of wire touching each other across the speaker or amplifier terminals. This can create a short circuit and damage your electronics.

The Speaker Level Output has a 100Hz built-in high pass filter.

The PSW112 Speaker Level Connections are shown in the picture below and can be found on the back of the subwoofer.

Speaker Level Connections

Plug in the PSW112 power cord. Do not plug the PSW112 subwoofer into a switched outlet on your receiver. The PSW112 has an automatic stand-by circuit to ensure prompt power up and connecting the unit to a switched outlet will delay the output and lead to noise on power down.